

CLAIMS

I claim:

1 1. A surface mount CATV jack for use with coaxial, fiber-
2 optic or other sheathed cable, comprising:

3 a jack housing comprising:

4 a hollow base having a base inner wall having a
5 periphery and a sidewall extending outward around the periphery
6 of said base;

7 a cover attached to said base;

8 said jack housing defining a plurality of access ports; and

9 at least one cable connector disposed through a
10 corresponding one of said access ports for connection with a CATV
11 cable.

1 2. The surface mount CATV jack according to claim 1,
2 wherein said connector comprises a linear female-to-female cable
3 connector.

1 3. The surface mount CATV jack according to claim 1,
2 wherein said connector comprises a right angle female-to-female
3 cable connector having first and second threaded portions.

1 4. The surface mount CATV jack according to claim 3,
2 further comprising a connector clamp attached to said base so
3 sized and configured as to hold the connector collar of an input
4 cable, said input cable being disposed through another of said
5 plurality of access ports.

1 5. The surface mount CATV jack according to claim 4,
2 wherein said one of said plurality of access ports is located in
3 said cover and said other of said plurality of access ports is
4 located in said sidewall.

1 6. The surface mount CATV jack according to claim 5,
2 wherein said first threaded portion of said right angle connector
3 is disposed through said cover and held in place in a vertical
4 position by connector nuts located above and below said cover,
5 said second threaded portion being held in a horizontal position
6 by the connector collar of the input cable, the input cable
7 entering said housing through said other of said plurality of
access ports located in said sidewall.

1 7. The surface mount CATV jack according to claim 6,
2 further comprising a connecting cable and a linear female-to-
3 female connector disposed through said other of said plurality of
4 access ports, said connecting cable connecting said horizontal
5 threaded portion of said right angle connector with said linear
6 female-to-female connector, the input cable being connected to
7 said female-to female connector exterior to said housing.

1 8. The surface mount CATV jack according to claim 2,
2 further comprising another linear female-to-female connector
3 disposed in another said access port, each said access port being
4 located in said housing wall, and a connector cable connecting
5 each said female-to-female connector within said housing, wherein
6 the input cable is connected to one of said female-to-female
7 connectors exterior to said housing and the output cable is
8 connected to the other of said female-to-female connectors
9 exterior to said housing.

9. The surface mount CATV jack of claim 8, wherein said
hollow base is generally rectangular and having two ports in at
least one sidewall, each said female-to-female connectors being
disposed in a corresponding one of said two ports in said one
sidewall.

1 10. A surface mount CATV jack for coaxial, fiber-optic, or
2 other sheathed cable comprising:

3 a rectangular housing having opposed inner wall and outer
4 walls, opposed sidewalls, and opposed end walls and comprising:

5 a generally rectangular base having an inner wall and
6 peripheral opposed sidewalls, a closure end wall, and a cable
7 mount end wall;

8 a generally rectangular cover having an outer wall and
9 peripheral opposed side walls, a closure end wall, and a cable
10 access end wall and conforming with said rectangular base such
11 that said peripheral cover walls slidingly engage said peripheral
12 base walls and abut said inner wall of said rectangular base upon
13 closure of said cover over said base;

14 said housing having a cable entry port and a cable connector
15 extension port, each said port defined by any of said end walls
16 and said side walls of said housing; and

17 at least one female cable connector extending through said
18 cable connector extension port.

1 11. The surface mount CATV jack according to claim 10,
2 wherein said at least one female cable connector is a linear
3 female-to-female cable connector having securing nuts removably
4 mounted thereon.

1 12. The surface mount CATV jack according to claim 11, said
2 base inner wall having a peripheral rim extending beyond said
3 peripheral walls, said peripheral walls of said cover abutting
4 said peripheral rim when closed over said base to form said
5 housing.

1 13. The surface mount CATV jack according to claim 11,
2 wherein said peripheral walls of said base are of such dimensions
3 as to accommodate the entry of the input cable through said cable
4 entry port and to accommodate the exit of said female connector
5 and the turning of said securing nuts within and without said
6 housing.

1 14. The surface mount CATV jack according to claim 11,
2 wherein said inner wall of said base defines at least one screw
3 mounting for receiving a screw mounting said base to a wall or
4 other support.

1 15. The surface mount CATV jack according to claim 11,
2 wherein said cable entry port and said cable connector extension
3 port are defined by a common housing end wall.

1 16. The surface mount CATV jack according to claim 15,
2 wherein the input cable extends through said cable input port,
3 forms a bend portion proximate the housing end wall opposite said
4 cable entry port and form a generally straight portion and ending
5 in a cable connector collar, said collar being connected to said
6 female-to-female connector at an end opposite that extending from
7 said cable connector extension port.

1 17. The surface mount CATV jack according to claim 16,
2 wherein said connecting nuts secure said extension portion of
3 said female-to-female connector to said cable mount end wall of
4 said base forming said housing common wall.

1 18. The surface mount CATV jack according to claim 16,
2 further comprising at least one cable tiedown attached to said
3 base inner wall within said housing for positioning the input
4 cable.

1 19. The surface mount CATV jack of claim 10, wherein said
2 housing inner wall defines a centrally disposed aperture of such
3 dimensions as to cover and receive a flush-mounted jack connector
4 in said wall, thus converting said flush-mount jack to a surface
5 mounted jack.

1 20. The surface mount CATV jack of claim 10, wherein said
2 base closure end wall defines a knockout cable inlet groove plug
3 and a knockout connector extension port.